

### **SUPPLEMENTAL EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Akihiro Yamazaki, Reg. No. 46,155 on 9/29/10.
3. Amend the Specification as follows:
  - a. Please amend the paragraph beginning at page 19, line 16, ending at page 20, line 8, as follows:

FIG. 1 is a perspective view showing the overall construction of a liquid cooling radiator comprising a heat receiving unit and embodying the invention. FIG. 2 is an exploded perspective view showing the overall construction of the liquid cooling radiator of the invention. FIG. 3 is an enlarged view in section taken along the line A-A in FIG. 1. FIG. 4 is an enlarged view in section taken along the line B-B in FIG. 1. FIG. 5 is an enlarged view in section taken along the line C-C in FIG. 1. FIG. 6 is a sectional view corresponding to FIG. 5 with a base in a vertical position. FIG. 7 is a sectional view corresponding to FIG. 5 with the base turned upside down. FIG. 8 is a sectional view of a heat receiving unit to show a

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process for fabricating the radiator. FIG. 9 is a sectional view of an expansion tank device to show the process for fabricating the radiator. FIG. 10 is a fragmentary perspective view corresponding to a portion of FIG. 2 and showing a modified heat transfer member of the heat receiving unit of the radiator. FIG. 11 is a view corresponding to FIG. 3 and showing a modified heat receiving unit. FIG. 12 is a view corresponding to FIG. 3 and showing another modified heat receiving unit. Fig. 13 is a view showing a notebook personal computer including a main body having a keyboard, a display unit, and a liquid cooling radiator.

- b. Please amend the paragraph beginning at page 34, line 6, ending at page 34, line 13, as follows:

The present invention provides an expansion tank device for use in liquid cooling radiators for dissipating the heat generated by heat sources provided in personal computers (Fig. 13 is a view showing a notebook personal computer including a main body having a keyboard, a display unit, and a liquid cooling radiator 1), servers and like IT devices, AV devices, industrial machines, tool machines, etc. The device removes the air in the cooling liquid from the circulating system, prevents the circulating system from breaking and precludes the decrease in the amount of cooling liquid within the circulating system.

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert J. Hoffberg whose telephone number is (571) 272-2761. The examiner can normally be reached on 8:30 AM - 4:30 PM Mon - Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jayprakash Gandhi can be reached on (571) 272-3740. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RJH 9/30/10

/ROBERT J HOFFBERG/  
Examiner, Art Unit 2835